

Appl. No. : 09/976,679
Filed : October 12, 2001

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A medical device, comprising:

an elongate tubular body having a proximal end and a distal end and a lumen extending therethrough;

an inner wire within the lumen of the elongate tubular body having a proximal end extending proximal to the proximal end of the elongate tubular body and a distal end, the inner wire being moveable relative to the elongate tubular body;

an expandable member connected to the distal end of the elongate tubular body;

and

a coil extending over the inner wire at a proximal end thereof, the coil being fixedly attached to the proximal end of the elongate tubular body.

Claim 2 (original): The medical device of Claim 1, further comprising a proximal hypotube connected to a proximal end of the coil, wherein the inner wire extends through the proximal hypotube.

Claim 3 (withdrawn): The medical device of Claim 2, further comprising a protective tubing over the proximal end of the coil and the distal end of the proximal hypotube.

Claim 4 (previously presented): The medical device of Claim 2, wherein the proximal hypotube is crimped to the inner wire.

Claim 5 (withdrawn): The medical device of Claim 1, further comprising a protective tubing applied over the proximal end of the elongate tubular body and distal end of the coil.

Claim 6 (withdrawn): The medical device of Claim 1, wherein the inner wire has a diameter proximal to the tubular body that is greater than the diameter of the lumen.

Claim 7 (original): The medical device of Claim 1, wherein the expandable member is an occlusive device having a proximal end connected to the tubular body and a distal end connected to the inner wire, wherein relative movement of the inner wire with respect to the tubular body causes the occlusive device to move from a nonexpanded configuration to an expanded configuration.

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Claim 8 (original): The medical device of Claim 7, wherein the coil is compressed when the occlusive device is in a nonexpanded configuration.

Claim 9 (original): The medical device of Claim 1, wherein the expandable member is a balloon.

Claim 10 (withdrawn): The medical device of Claim 9, wherein the inner wire includes a valve for sealing the lumen of the elongate tubular body.

Claim 11 (withdrawn): The medical device of Claim 9, wherein the inner wire includes a plunger, and wherein advancing and retracting the plunger selectively inflates and deflates the balloon.

Claims 12-26 (canceled)

Claim 27 (previously presented): A medical device, comprising:

- an elongate tubular body having a proximal end and a distal end and a lumen extending therethrough;

- an inner wire within the lumen of the elongate tubular body having a proximal end portion and a distal end portion, the proximal end portion extending proximal to the proximal end of the elongate tubular body, the inner wire being movable relative to the elongate tubular body;

- an expandable member having first and second ends, the first end connected to the distal end of the elongate tubular body, the second end connected to the distal end portion of the inner wire; and

- a coil having proximal and distal end portions, the coil extending coaxially along the proximal end portion of the inner wire, the proximal end portion of the coil being attached to the inner wire, the distal end portion of the coil being attached to the proximal end of the elongate tubular body.

Claim 28 (previously presented): The medical device of Claim 27, further comprising a proximal hypotube connected to the proximal end portion of the inner wire.

Claims 29-31 (canceled)

Claim 32 (new): The medical device of Claim 2, wherein the proximal hypotube, the coil and the tubular body are integrally formed.